

Applicants certify that all references submitted with this disclosure were first cited in a communication from a foreign patent office dated October 25, 2002, which communication is enclosed, not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/APPM/5192.02/BTP.

Respectfully submitted,

A handwritten signature in cursive script, reading "Robb D. Edmonds", is written over a horizontal line.

Robb D. Edmonds

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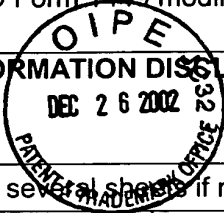
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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/5192.02/CPI/ COPPER/PJS	Serial No. 10/932,284
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Applicant Chen, et al.	Confirmation No.: 4034
(Use several sheets if necessary)		Filing Date December 21, 2001	Group 1734
Examiner Unknown			

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						
	A11						
	A12						
	A13						

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Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B1						<input type="checkbox"/>	<input type="checkbox"/>
	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	Rossnagel, S.M., et al., "Plasma-enhanced atomic layer deposition of Ta and Ti for interconnect diffusion barriers," J. Vac. Sci. Technol. B 18(4), Jul/Aug 2000
	C2	Partial Search Report (Annex to Form PCT/ISA/206), dated October 25, 2002 for PCT/US02/02651
	C3	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.